

SPF SIG Evaluation

National Cross-Site Evaluation

- National Outcome Measures (NOMs): state and community level
- Community Level Instrument: bi-annual report of coalition activities
- Implementation Fidelity Interviews

State Evaluation

- Quarterly Reports
- Coalition Functioning Instrument
- Benchmark data
- Infrastructure Interviews
- Document review and observations

Tribal Capacity Project (TCP) introduces additional challenges in obtaining required data

SPF SIG Evaluation Focus

At state and community level:

- Change over time in substance use and related consequences
- Change over time in prevention infrastructure
- Relationship between SPF SIG activities and targeted outcomes

Primary challenge: obtaining community level data

AZ SPF SIG Target Issues

- **Youth alcohol consumption** (past 30-day alcohol use and past 30-day binge drinking)
- **Adult binge drinking** (past 30-day binge drinking, the consumption of five (5) or more drinks at one time)
- **Youth illicit drug use** (past 30-day use of marijuana, methamphetamines, hallucinogens, inhalants, cocaine, or pharmaceutical drugs)
- **Alcohol related Driving Under the Influence (DUI) injuries** (alcohol related vehicle crashes causing injury)

NOMs Cross Site Evaluation “Data Drill” (every 6 months)

- Youth – Per Coalition Community (ACJC - AYS Data)
 - 30 day usage for alcohol
 - 30 day usage for marijuana
 - 30 day usage for methamphetamine
 - 30 day usage for prescription drugs
 - Binge Drinking
 - * With estimates of response rates per coalition and standard error
- Adult – Per Coalition Community (DOT data)
 - Number of alcohol related crashes per coalition community as a ratio of total number of crashes per year
- Non-SPF SIG Comparison Community data is also now being requested
 - Would strengthen outcome evaluation
 - Will require additional data from ACJC and DOT

State Outcomes Analysis

- Selected dependent variables:
 - Hospital Emergency Department diagnosis for drug and alcohol diagnosis (DHS).
 - Youth usage of alcohol and drugs – see NOMs (ACJC - AYS)
 - Youth perception of drug and alcohol usage harm (ACJC - AYS)
 - Youth recognition of social norm campaigns (ACJC – AYS)
 - Youth arrests for drugs and/or alcohol (AOC)
 - Youth suspensions for drug and or alcohol (DOE)
 - Vehicle Crashes and fatalities: alcohol or drugs (DOT)
 - (?) Adult arrests for drugs and/or alcohol (DPS)

Hospital Data - DHS

Hospital emergency department diagnoses of drug and alcohol related issues

Data status

- Excel spreadsheets have been exported to SPSS
- Syntax composed and tested for use in outcome analysis

Challenges

- Must continue requests for data through 2010
- Investigating availability for data from tribal hospitals 2004-2010

ACJC – AYS

Youth use, perception of harm, recognition of campaigns

Data Status

- Submitted aggregate 2002, 2004, 2006, 2008 AYS data for national cross-site evaluation data drills
- Disaggregated 2002 2004 2006 data in SPSS format, ready for outcomes analysis
- Requesting 2008 and 2010 data for final outcome evaluation

Challenges

- AYS (or equivalent) data for tribal youth may not be available
- Non SPF SIG comparison data for Apache, Cochise, Yuma, La Paz, and sections of Maricopa County will require additional data requests

DOT - Crash Data

Alcohol-involved crashes and fatalities

Data Status

- 2 files per year 2004-2007 (incident and Person ALISSX access files) exported into SPSS
- ADOT 2007 Crash Facts published online show alcohol related crashes per county for first time – accepted by cross site

Challenges

- Breaking out by community according to city name
- Identifying alcohol related crashes from BAC variable
- Outcomes analysis will require community level breakdown

DPS - Adult Crime Data

Adult arrests for drugs and/or alcohol

Data Status

- Obtained UCR reports for drug arrests and DUI arrests per county via DPS website
- Memo of understanding established with DPS

Challenges

- Need to update data request with DPS and obtain data sets to disaggregate data

DOE – Youth School Data

Alcohol and drug related school suspensions and expulsions

Data Status

- Aggregate data for average daily attendance and number of suspensions for drugs and alcohol in spreadsheets

Challenges

- School consent necessary to access disaggregate data for SPF and non SPF schools

AOC - Juvenile Arrest Data – JOLTS

Data Status

- Request made and protocol developed with Dick Kennedy to avoid individual youth identification

Challenges

- Data request needs to be resubmitted

Thank You!

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